

## EAST Search History

| Ref # | Hits | Search Query  | DBs                          | Default Operator | Plurals | Time Stamp          |
|-------|------|---|------------------------------|------------------|---------|---------------------|
| L1    | 3012 | (178/ 18.01-20.04).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2008/06/19<br>14:42 |
| L2    | 4996 | (345/ 173-178).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2008/06/19<br>14:44 |
| L3    | 455  | (345/ 175).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2008/06/19<br>14:46 |
| L4    | 104  | L3 and equation   | US-PGPUB;<br>USPAT           | OR               | ON      | 2008/06/19<br>14:47 |
| L5    | 129  | (L1 L2) AND (optical AND (beam spot detector) with (partial analog subelement))             | US-PGPUB;<br>USPAT           | OR               | ON      | 2008/06/19<br>15:11 |
| L6    | 77   | (L1 L2) AND (receiv\$4 near array)  | US-PGPUB;<br>USPAT           | OR               | ON      | 2008/06/19<br>15:23 |
| L7    | 16   | (L1 L2) AND (receiv\$4 near array) same (optic optical IR)                                  | US-PGPUB;<br>USPAT           | OR               | ON      | 2008/06/19<br>15:24 |
| L8    | 60   | (L1 L2) AND (size) same (shadow\$4 occlud\$4)   | US-PGPUB;<br>USPAT           | OR               | ON      | 2008/06/19<br>15:27 |
| L9    | 303  | L3 AND size   | US-PGPUB;<br>USPAT           | OR               | ON      | 2008/06/19<br>15:31 |
| L10   | 17   | L3 AND size near (spot shadow occlu\$5 object)  | US-PGPUB;<br>USPAT           | OR               | ON      | 2008/06/19<br>15:32 |
| L11   | 1    | ("4928094").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2008/06/19<br>15:47 |
| L14   | 3    | (L1 L2) AND ((IR infrared light optic\$5) AND (emitter) AND (detector) AND (width)).clm.    | US-PGPUB;<br>USPAT           | OR               | ON      | 2008/06/19<br>16:47 |
| L15   | 4    | (L1 L2) AND ((IR infrared light optic\$5) AND (emitter) AND (detector) AND (block\$4)).clm. | US-PGPUB;<br>USPAT           | OR               | ON      | 2008/06/19<br>16:49 |

|     |     |  |                        |    |     |                  |
|-----|-----|--|------------------------|----|-----|------------------|
| L16 | 9   | (L1 L2) AND ((IR infrared light optic\$5) AND (emit \$5 transmit\$5 send\$5) AND (detect\$5 sens\$5 receiv\$5) AND (equation)).dm. | US-PGPUB; USPAT        | OR | ON  | 2008/06/19 16:53 |
| L17 | 179 | (178/18.09).CCLS.  | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/06/19 16:59 |
| L18 | 34  | L17 and EQUATION   | US-PGPUB; USPAT        | OR | ON  | 2008/06/19 16:59 |
| L19 | 7   | L17 AND size near (spot shadow occlu\$5 object)  | US-PGPUB; USPAT        | OR | ON  | 2008/06/19 17:00 |
| L20 | 208 | (L3 L17) AND position same (partial partly somewhat portion)   | US-PGPUB; USPAT        | OR | ON  | 2008/06/19 17:03 |
| L21 | 27  | (L3 L17) AND position same (partial partly somewhat portion) same (sum add addition total)   | US-PGPUB; USPAT        | OR | ON  | 2008/06/19 17:03 |
| S1  | 1   | ("20060097989").PN.  | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/06/18 13:10 |

6/19/2008 5:34:22 PM

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